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Substitute for form 1449/PTO

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Sheet 1

of 4 of 7

Application Number	10/777,523
Filing Date	February 12, 2004
First Named Inventor	LI, Guang Q.
Art Unit	1723
Examiner Name	Ernest G. Therkorn
Attorney Docket Number	03-34 US

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	1 <sup>o</sup>
		Country Code <sup>2</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	2	JP 59,050358 A	03/23/1984	Sumitomo Kagaku		
	3	JP 62,051680 A	03/06/1987	Agency of Ind Science		
	4	JP 2003-270553 A	10/02/2003	Shiseido Co. LTD		

Examiner Signature	THEKORN	Date Considered	10/25/05
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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/777,523
		Filing Date	February 12, 2004
		First Named Inventor	Guang Q. Li
		Art Unit	1723
		Examiner Name	Ernest G. Therkorn
Sheet 2	of 297	Attorney Docket Number	03-34 US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
E6T	2	Article by FAIRBANK, R.W.P. et al., entitled "Role of Surface-Adsorbed Water in the Horizontal Polymerization of Trichlorosilanes" in J. Chromatography A (1999) 830, 285-291.	
E6T		Abstract of JP 59-050358 March 23, 1984	
E6T		Abstract of JP 62-051689 March 6, 1987	
E6T		Abstract of JP 2003 279553 Oct 2, 2003	

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Sheet 3 of 7

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Art Unit	1723
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		Art Unit	1723
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Sheet	284	of	297
		Attorney Docket Number	03-34 US

NON PATENT LITERATURE DOCUMENTS			
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EGT	5	Article by Engelhardt, et al. entitled "Chemically Bonded Stationary Phases for Aqueous High-Performance Exclusion Chromatography" published Journal of Chromatography, 142(1977)311-320.	
EGT	6	Article by MATLIN ET AL., entitled "HPLC with Chemically Bonded Stationary Phases", published by Journal of HRC&CC, 1980, pages 645-646.	
EGT	7	Article by HUANG, XIAO ET AL., entitled "Simple Preparation and Evaluations of Amide-Octyl-Bonded Phase", published by Analytical Sciences, January 2002, Vol. 18, 69-72.	
EGT	8	Article by HYUN, et al., entitled "A Mechanistic Evaluation for the Resolution of Enantiomers of $\alpha$ -Arylpropionic Acid Derivatives on p-Basic chiral Stationary Phases", published J. Liquid Chromatography, Vol 17, no. 2 1994, 317-328.	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	5	of	13
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Application Number	
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First Named Inventor	Guang Q. Li
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## U. S. PATENT DOCUMENTS

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**FOREIGN PATENT DOCUMENTS**

[illegible]

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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		Filing Date	February 12, 2004
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EGT	7	Book by UD NEUE, entitled "HPLC Columns: Theory, Technology, and Practice, published by Wiley-VCH, Inc. New York (1997), <i>copyright page only</i>	
EGT	8	Book by EF VANSANT ET AL., entitled "Characterization and Chemical Modification of the Silica Surface" published by Elsevier Science B.V., New York (1995). <i>preface only</i>	
EGT	9	Book by RPW SCOTT, entitled "Silica Gel and Bonded Phases, Their Production, Properties and Use in LC, published by John Wiley & Sons, New York (1993) <i>contents only</i>	
EGT	10	Article by LC SANDER, ET AL. entitled "Synthesis and Characterization of Polymeric C18 Stationary Phases for Liquid Chromatography" published Analytical Chemistry, Vol. 56, No. 3, March 1984, pages 504-510.	
EGT	11	Article by P TUNDO ET AL., entitled "Synthesis, Catalytic Activity, and Behavior of Phase-Transfer Catalysts Supported on Silica Gel. Strong Influence of Substrate Adsorption on the Polar Polymeric Matrix on the Efficiency of the Immobilized Phosphonium Salts" published by Journal of the American Chemical Society, 101:22/ October 24, 1979, pages 6606-6613.	
EGT	12	Article by N OI ET AL., entitled "High-Performance Liquid Chromatographic Separation of Enantiomers on (1,R,3R)- Trans-Chrysanthemic Acid and its Amide Derivatives Bonded to Silica Gel, published by Elsevier Science Publishers BV, 1983, pages 487-493.	
EGT	13	Article by A NOMURA ET AL., entitled "Acylation of Aminopropyl-Bonded Silica Gel for Liquid Chromatography", published by Analytical Sciences, June 1987, Vol. 3, pages 209-212.	
EGT	14	Article by B BUSZEWSKI ET AL., entitled "Chemically Bonded Phases for the Reversed-Phase High-Performance Liquid Chromatographic Separation of Basic Substances", published by Journal of Chromatography, 552, (1991), pages 415-427.	
EGT	15	Article by T ASCAH ET AL., entitled "Novel, Highly Deactivated Reversed-Phase for Basic Compounds" published by Journal of Chromatography, 506, (1990), pages 357-369.	
EGT	16	Article by JE O'GARA ET AL., entitled "Systematic Study of Chromatographic Behavior vs Alkyl Chain Length for HPLC Bonded Phases Containing an Embedded Carbamate Group" published by Anal. Chem, 1999, 71, pages 2992-2997.	

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